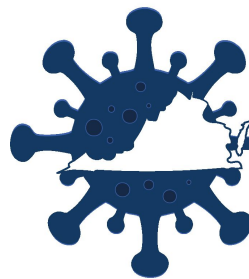


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# Virginia Respiratory Disease and Monkeypox Data Update

November 17, 2022



**VIRGINIA'S  
HEALTH  
IS IN OUR  
HANDS.**

Do your part,  
stop the spread.

# Virginia: Respiratory Disease Syndromic Surveillance

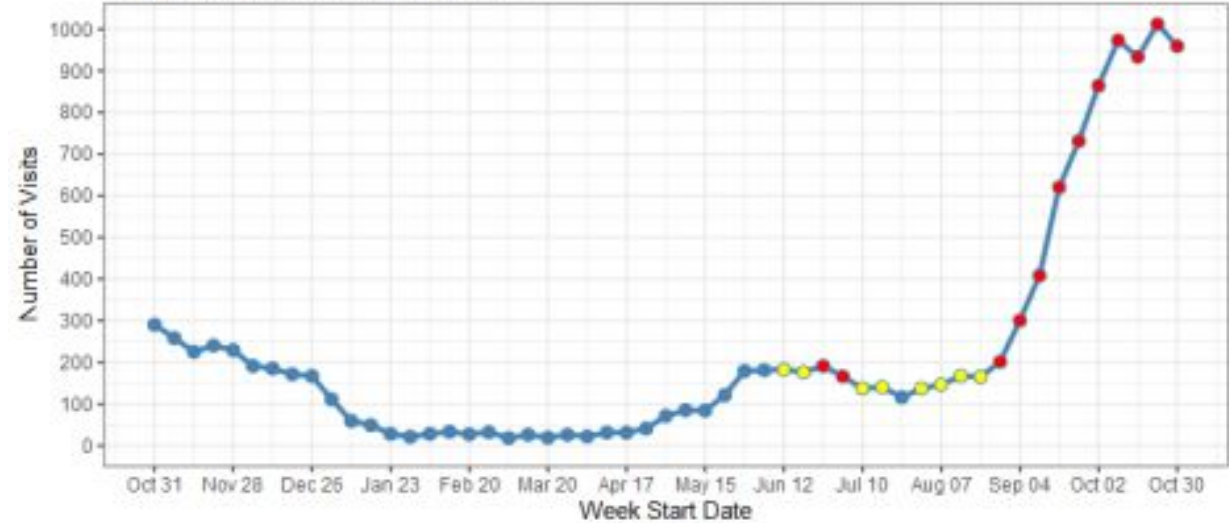
## \*Diagnosed Respiratory Syncytial Virus (RSV)

10/16 - 10/22 (MMWR Week 42)	10/23 - 10/29 (MMWR Week 43)	10/30 - 11/05 (MMWR Week 44)
922 visits	1,012 visits	<b>959 (-5%)</b>

Data is from the week of Oct. 30 - Nov 05, 2022. Percent change is from week prior

\* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)

### Weekly ED and Urgent Care Visits with Diagnosed RSV 10/31/21 - 11/05/22



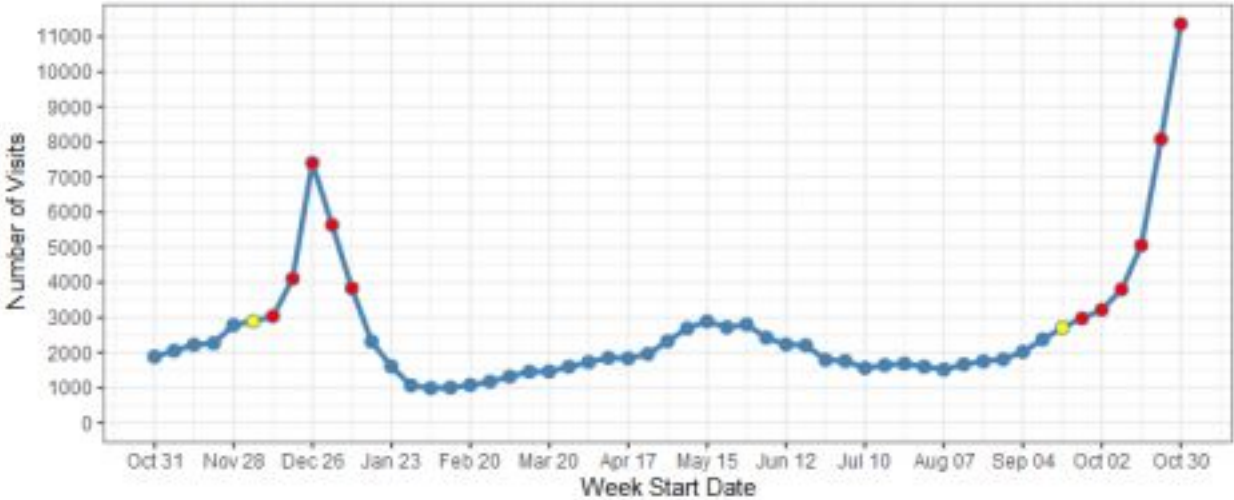
## \*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits

10/16 - 10/22 (MMWR Week 42)	10/23 - 10/29 (MMWR Week 43)	10/30 - 11/05 (MMWR Week 44)
5,051 visits	8,077 visits	<b>11,362 (+41%)</b>

Data is from the week of Oct. 30 - Nov 05, 2022. Percent change is from week prior

\* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. **Visits with diagnosed COVID-19 are excluded.**

### Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19 10/31/2021 - 11/05/2022



During week ending November 5, 2022:

- **9.0%** of all ED and urgent care visits were for ILI
- **21.4%** of all visits among kids aged 0-4 years were for ILI

# Virginia: COVID-19 Cases, Hospitalizations, and Deaths

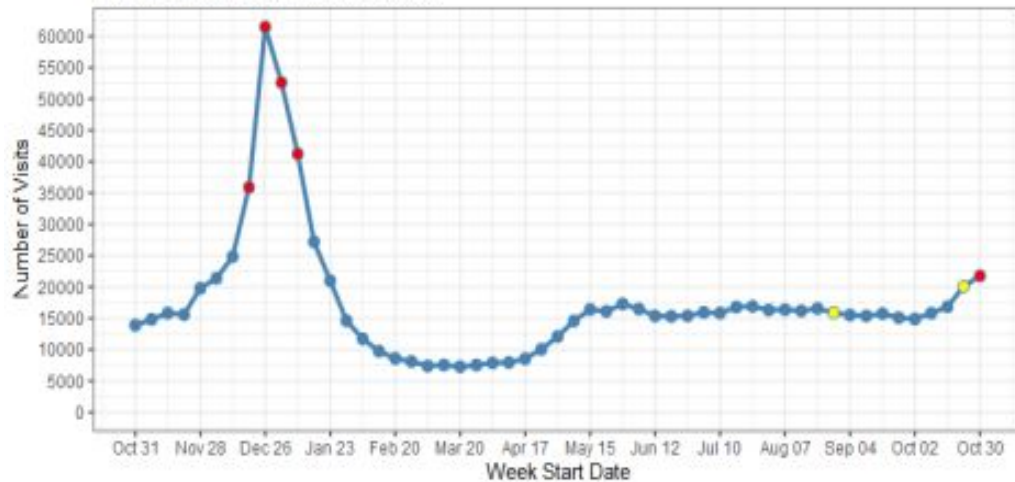
## \*COVID-Like Illness ED and Urgent Care Visits

10/16 - 10/22 (MMWR Week 42)	10/23 - 10/29 (MMWR Week 43)	10/30 - 11/05 (MMWR Week 44)
16,757	20,086	<b>21,769 (+8%)</b>

Data is from the week of Oct. 30 – Nov. 5, 2022. Percent change is from week prior

\*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g. fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.

## Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 10/31/21 – 11/05/22

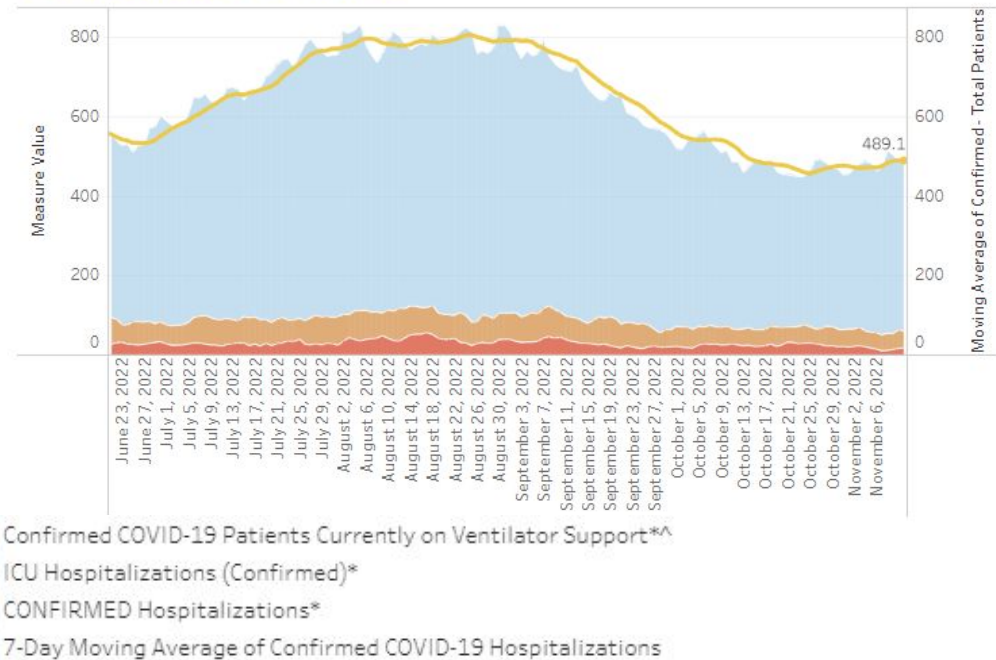


\*Source: [CDC COVID Data Tracker](#), [VHHA Hospitalizations – Coronavirus \(virginia.gov\)](#), VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior. \*Data comparisons: Wednesday-Wednesday (11.02.2022-11.9.2022)

\* Compared to last week:

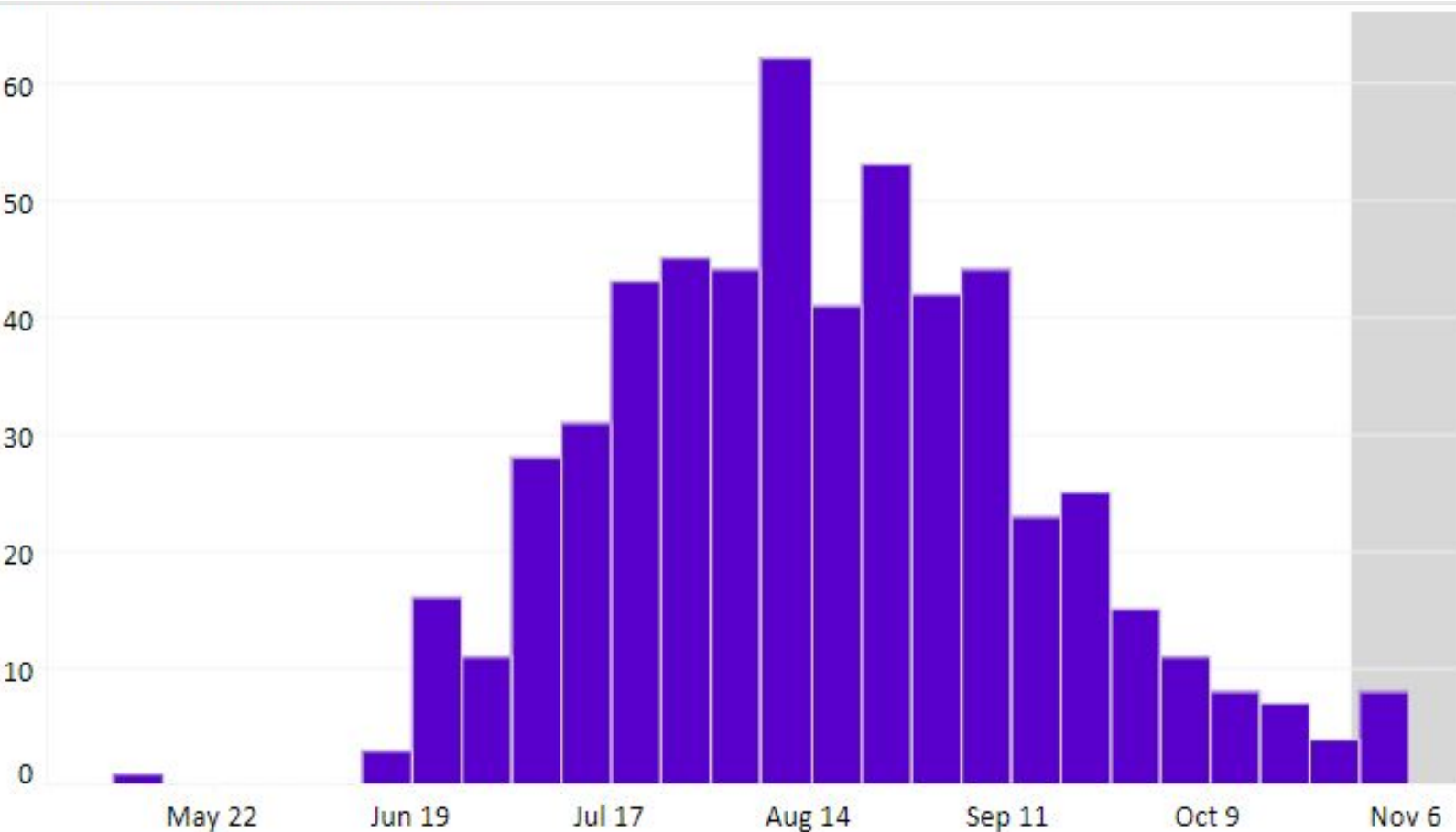
- Weekly **case rate decreased 9%** to 89.2 per 100K
- 7-day MA of **hospitalizations remained stable (<5%)** at 487 per day
- Weekly **deaths decreased 40%** to 37 deaths, down from 62 the previous week

## COVID-19 Hospitalization Trends Virginia, June 2022 – November 2022



# Monkeypox Cases in Virginia

Epi Curve of Monkeypox Cases (5/2022 – 11/2022)



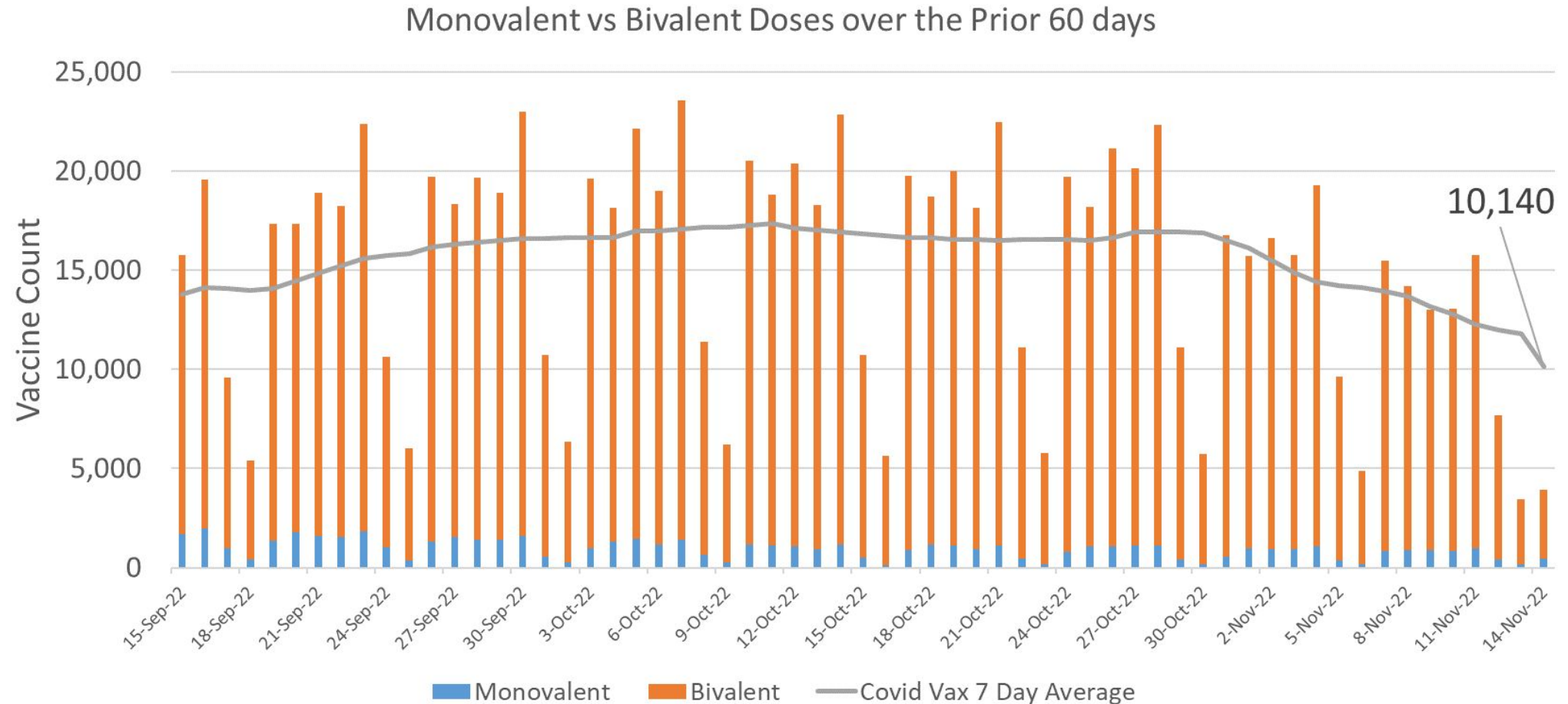
Total Cases	545
Total Hospitalizations	23

Monkeypox Cases By Age and Sex (as of 11/10)

Age Group	Cases
0-9 Years	0
10-14 Years	1
15-19 Years	14
20-29 Years	201
30-39 Years	212
40-49 Years	80
50-59 Years	32
60-69 Years	3
70+ Years	2
Sex	Cases
Female	30
Male	515

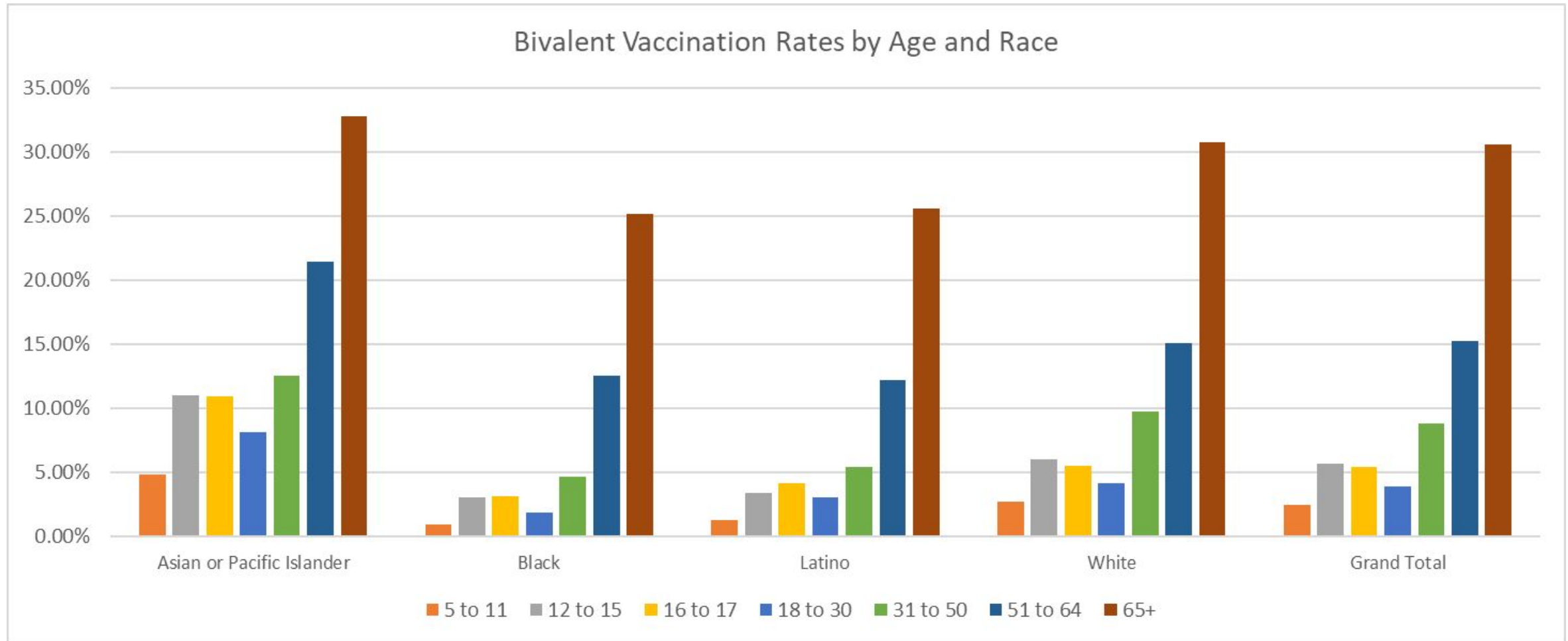
## Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 978,993 Bivalent Covid-19 Vaccine Doses Administered so far
- 94.2% of doses have been Bivalent so far in the month of November



## Virginia: Bivalent Vaccination Uptake by Race/Ethnicity and Age

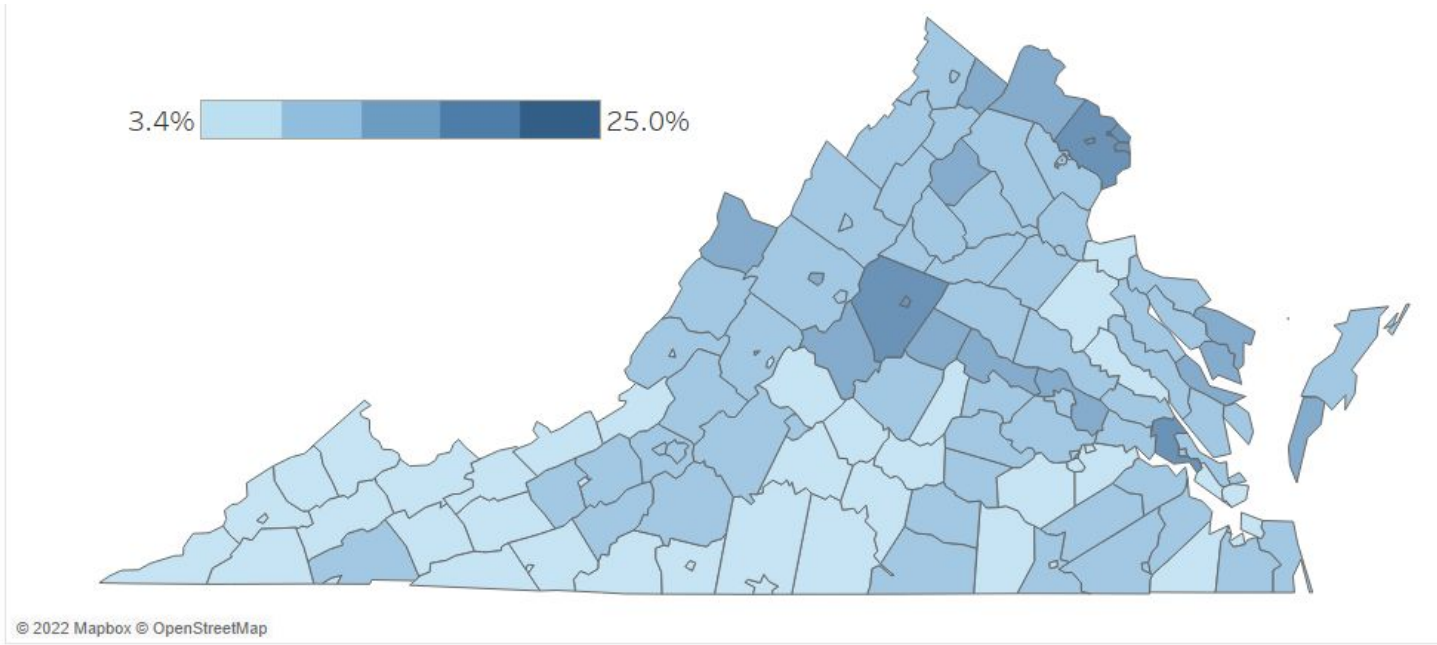
- 31% of the total 65+ population has received a bivalent booster, outpacing 2<sup>nd</sup> booster uptake at a similar stage
- 44% of bivalent vaccines has gone to 65+, as this age group is far outpacing other ages for uptake





# Virginia: Vaccination across the Commonwealth by Geography

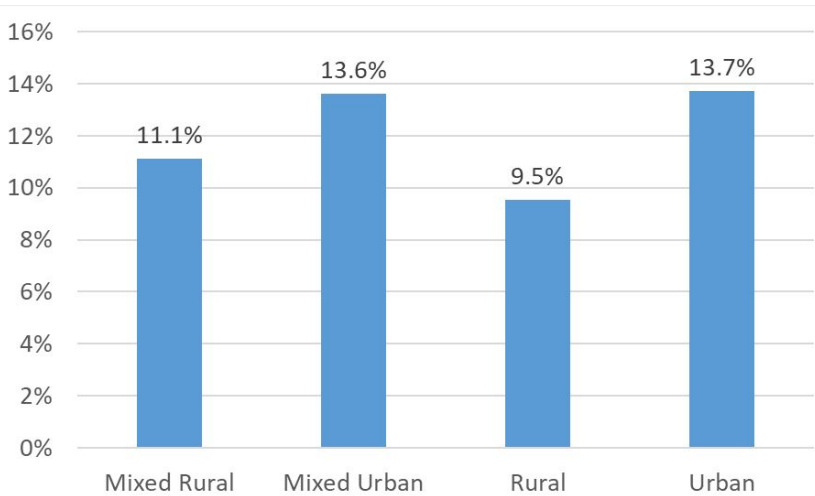
## Percent of the Total Population with Bivalent Booster by Locality



## Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.5%	0.3%
Eastern	60.6%	0.3%
Northern	76.0%	0.3%
Northwest	62.2%	0.2%
Southwest	54.8%	0.3%

## Bivalent Uptake by Urban / Rural



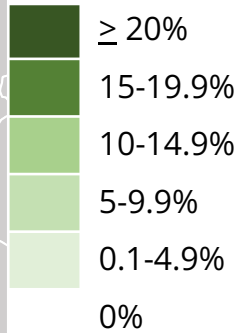
- 73.1% of the Total Population is Fully Vaccinated
- 11.4% of the Total Population has a Bivalent Booster
- 20.2% of the Eligible Population has a Bivalent Booster

# Virginia and Neighbors: Vaccination Rates

For Official Use Only

Updated  
11/16/22

## Bivalent Booster Dose



	One Dose*	Fully Vax*	Bivalent Booster**
<b>Nationwide</b>	80.4%	68.6%	10.1%
<b>D.C.</b>	95.0%	83.6%	20.2%
<b>Kentucky</b>	68.2%	59.1%	8.3%
<b>Maryland</b>	90.5%	78.8%	15.5%
<b>North Carolina</b>	90.3%	65.8%	9.7%
<b>Tennessee</b>	64.0%	56.0%	6.9%
<b>Virginia**</b>	89.6%	75.7%	11.3%
<b>West Virginia</b>	67.0%	59.3%	7.9%

\*Total population, includes out-of-state vaccinations  
 \*\*Percent of fully vaccinated people with a booster dose  
 \*\*\*Differs from previous slide because all vaccination sources are included

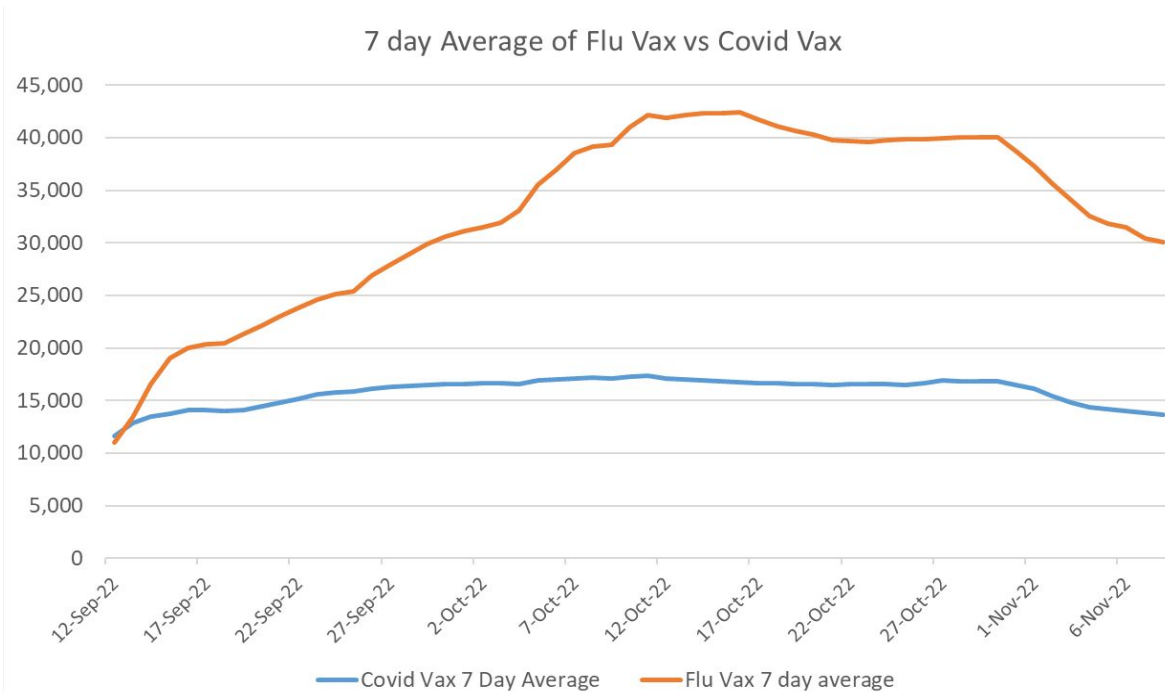
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#36	#40	#36
Maryland	#8	#2	#2	#8
North Carolina	#24	#27	#24	#28
Tennessee	#45	#41	#46	#43
Virginia	#10	#11	#7	#18
West Virginia	#36	#45	#45	#38

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

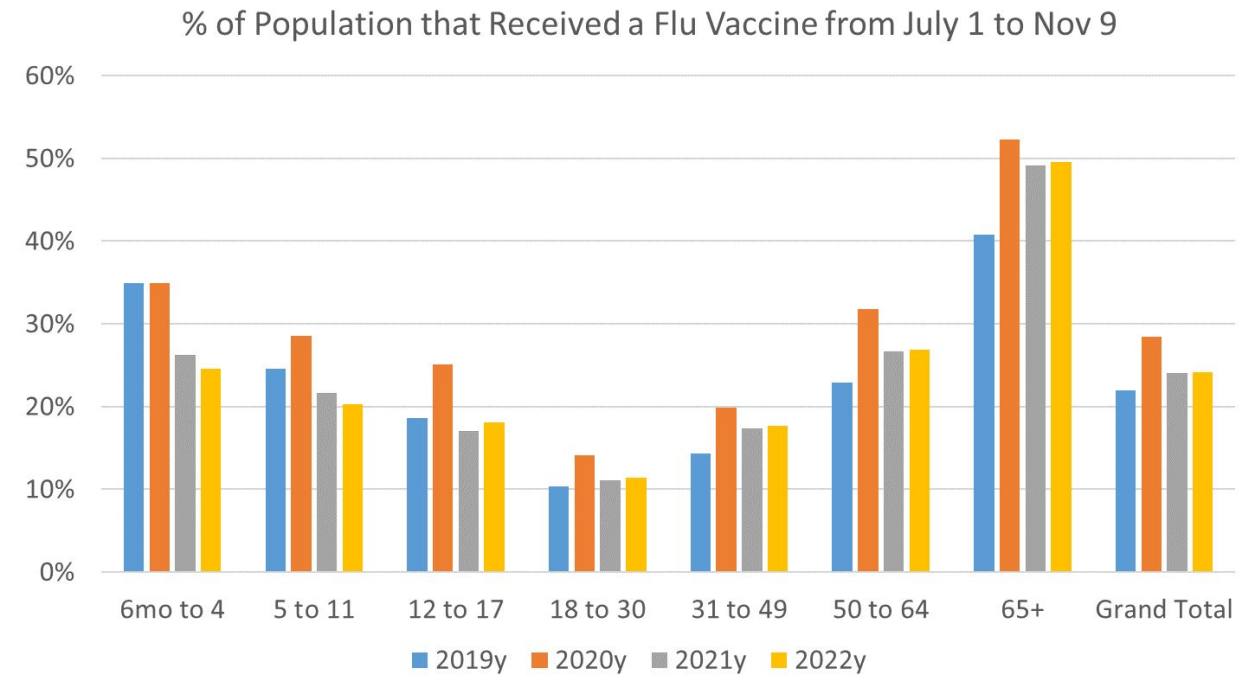


# Virginia: Flu Vaccine Update

- Flu Vaccinations have roughly followed a similar pattern to Covid Vaccinations since September 1st
- There have been 2.07 million Flu Vaccine doses administered (24% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.
- Children ages 0-11 are trailing previous years vaccination rates.



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.



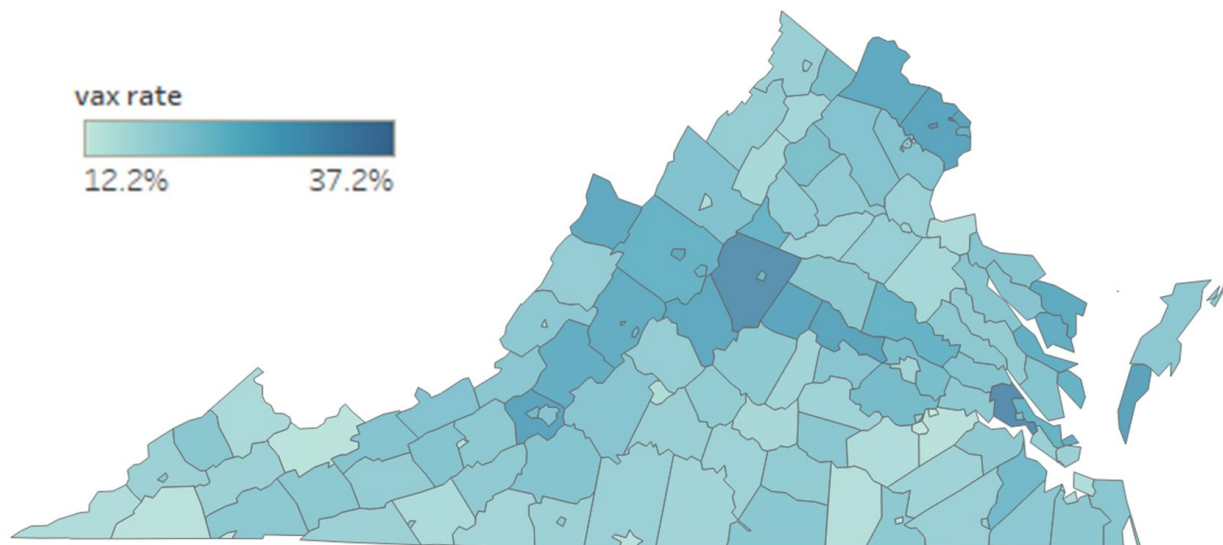
# Virginia: 2022 Flu Season Vaccine Uptake by Locality

For Official Use Only

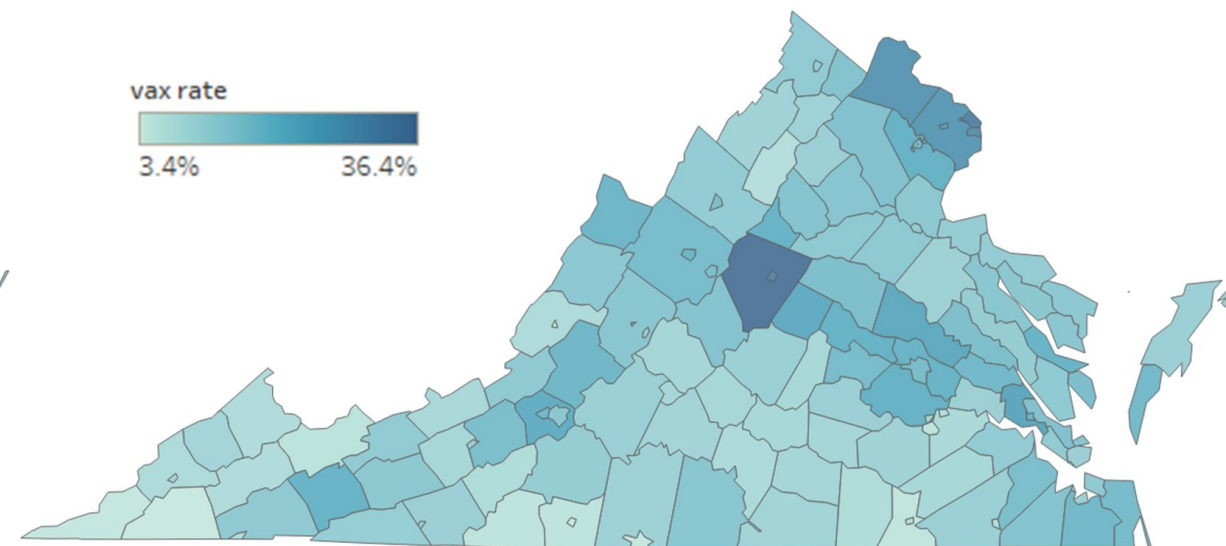
Updated  
11/16/22

- Flu Vaccination Rates amongst the Total Population show a smaller range than those under 12 years old
  - Uptake Ranges from 3.4% to 36.4% in the under 12 population
  - Uptake Ranges from 12.2% to 37.2% in the total population

## Total Population Flu Vaccine Uptake



## Under 12 Flu Vaccine Uptake



# Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 266 doses administered last week out of the total 19,517 doses since July 1st.
- 89.9% of Vaccines Administered have been to Males
- 60.2% of Vaccines Administered have in the Northern Region
- The White Population accounts for 57.0% of Vaccinations by Race where data is available

